

Application No.: 10/538,327
Dated: July 9, 2008
Response to Official Action of April 9, 2008

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A coaxial or triaxial cable comprising a dielectric layer which comprises as a component (A) a propylene homo- or copolymer having strain hardening behaviour behavior with a haul-off force $F_{max} > 5cN$ and a draw-down velocity $v_{max} > 150$ mm/s.

Claim 2 (Currently amended): Cable according to claim 1, wherein the dielectric layer further comprises as a component (B) a medium or high density ethylene homo- or copolymer and/or a non-strain hardening behaviour behavior propylene homo- or copolymer

Claim 3 (Previously presented): Cable according to claim 2, wherein component (B) comprises a propylene homo- or copolymer having a catalyst residue of less than 50 ppm, an ash content below 100 ppm and a chloride content of less than 5 ppm.

Claim 4 (Currently amended): Cable according to claim 3, wherein the propylene homo- or copolymer is having has a catalyst residue of less than 5 ppm, an ash content below 30 ppm, and a chloride content of less than 1 ppm.

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Claim 5 (Currently amended): Cable according to ~~any of the preceding claims~~ claim 3 and 4 wherein component (B) comprises at least 50 wt% of said polypropylene.

Claim 6 (Currently amended): Cable according to ~~any of the preceding claims~~ claim 1, wherein the ratio of components (A):(B) is from 1:99 to 60:40, more preferably from 25:75 to 60:40.

Claim 7 (Currently amended): Cable according ~~any of the preceding claims~~ claim 1 wherein the propylene homo- or copolymer having strain hardening ~~behaviour~~ behavior with a haul-off force $F_{max} > 5cN$ and a draw-down velocity $v_{max} > 150$ mm/s and has a melt flow rate of 0.1 to 25 g/10min at 230 DEG C/2.16kg.

Claim 8 (Currently amended): Cable according ~~any of the preceding claims~~ claim 1 wherein the dielectric layer has been expanded, preferably by physical foaming.

Claim 9 (Previously presented): Cable according to claim 8, wherein the degree of expansion is at least 60%, more preferably at least 75%.

Claim 10 (Currently amended): Cable according to ~~any of the preceding claims~~ claim 1 wherein the dielectric layer further comprises a nucleating agent, preferably in an amount of 0.01 to 0.05 wt%.

Claim 11 (Cancelled).

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Claim 12 (New): A method for producing a dielectric layer of a coaxial or triaxial cable using a propylene homo- or copolymer having strain hardening behavior with a haul-off force $F_{max} > 5$ cN and a draw-down velocity $v_{max} > 150$ mm/s.